

TECHNICAL DATA

► Electrical Data

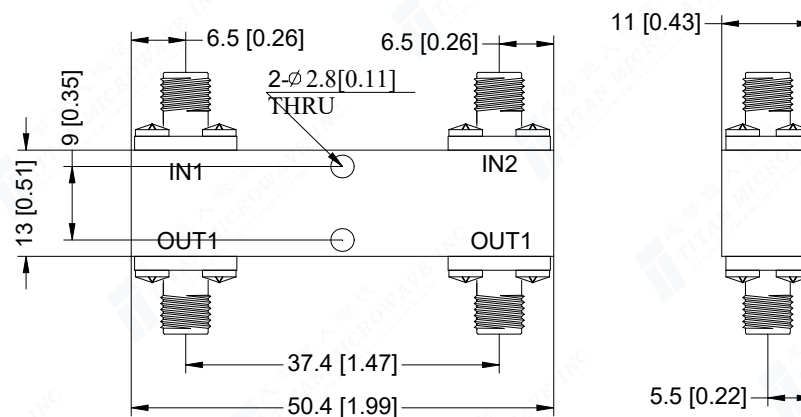
Frequency Range	1100~1700MHz
Insertion Loss	0.3dB max
VSWR	1.2:1 max
Isolation	22dB min
Amplitude Balance	±0.4dB max
Phase Balance	±2°
Average Power	30W
Impedance	50 Ohms

► Mechanical Data

Dimensions	50.4×13×11mm
Connectors	SMA-Female
Surface Finish	Gray Painted

► Environmental Data

Operating Temperature $-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$



Notes:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: L. Ma 09/10/25			TITLE: 90° Hybrid Coupler, 1100~1700MHz, 30W SMA-Female	成都巨人微波 TITAN MICROWAVE INC. <i>- A Professional RF & Microwave Components Supplier -</i>			
ENGINEER: J. Zhu 09/10/25				www.titan-microwave.com			
APPROVED: C. Chen 09/10/25							
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TMHC90-01100170-30S	DIMENSIONS IN MILLIMETERS(mm)			
x	±0.50	[0.019"]		SIZE: A4			
.x	±0.20	[0.008"]		SCALE:			
.xx	±0.10	[0.004"]		SHEET: 1/1			
ANGLES	±1°			REV: A			